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(71) Applicant (for all designated States except US): SYNAD
TECHNOLOGIES LIMITED [GB/GB]; Abbey House,
1650 Arlington Business Park, Theale, Reading Berkshire
RG6 4SA (GB).

(72) Inventor; and

(75) Inventor/Applicant (for US only): MORETON,
Michael, John, Vidion [GB/GB]; 10 Blowhorn Street,
Marlborough, Wiltshire SN8 1BT (GB).

(74) Agents: FROST, Alex, John et al.; Boulton Wade Tennant,
Verulam Gardens, 70 Gray's Inn Road, London WC1X 8BT
(GB).

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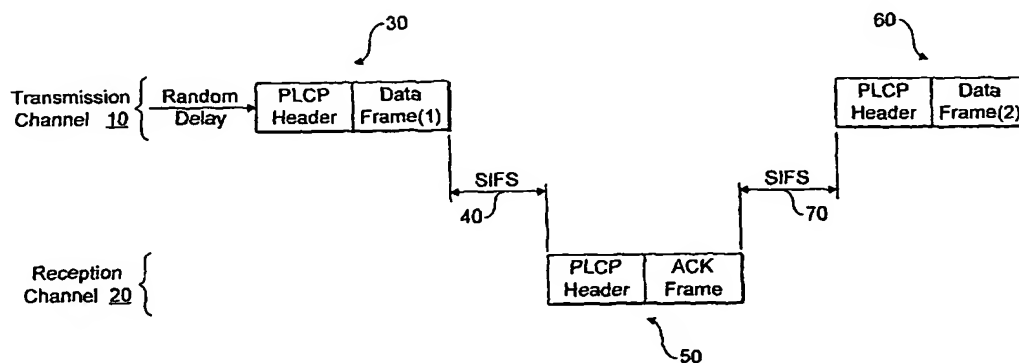
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(54) Title: METHOD OF DATA HANDLING IN A WLAN



(57) Abstract: A method of handling data in a wireless LAN comprises contending for control of the medium using a CSMA/CA mechanism or the like. Once control has been established data is sent from the node which has established that control, to a second node. The acknowledgement of receipt issued by that second node in consequence is combined with a payload at that second node and which is intended to be sent to the first node anyway, and a single frame, with the payload piggybacked onto the acknowledgement is returned to the first node. Bidirectional transmission of combined data and acknowledgement continues in a frame bursting manner until a time limit is reached or all data has been transmitted, whereafter contention commences again.